



**BYD Song L 2024**  
**Excellence 662 Km**



**LIFE EV**

Basic Information	
Manufacturer	BYD New Energy
Model	SONG L 662 Excellence
level	Medium SUV
Energy type	pure electricity
time to market	15-12-23
CLTC pure electric range [km]	662
Fast charging time[h]	0.42
Fast charging capacity [%]	30-80
Motor [Ps]	313
gearbox	1st gear fixed gear ratio
Length*width*height[mm]	4840*1950*1560
Body structure	5-door, 5-seater SUV
Maximum speed [km/h]	201
Official 0-100km/h acceleration [s]	6.9

Body	
Length[mm]	4840
Width[mm]	1950
Height[mm]	1560
Wheelbase [mm]	2930
Front wheelbase [mm]	1669
Rear wheelbase [mm]	1682
Car door opening method	swing door
Number of doors	5
number of seats	5
Approach angle [°]	16
Departure angle [°]	19
Minimum turning radius [m]	5.7
Drag coefficient [Cd]	0.255
Official front trunk volume [L]	48
Official trunk volume [L]	410-1053
Curb weight [kg]	2265
Full load mass [kg]	2640

electric motor	
Number of drive motors	single motor
Motor layout	rear
Motor type	Permanent magnet synchronization
Total motor power [kW]	230
Total motor horsepower [Ps]	313
Motor total torque [Nm.]	360
Maximum power of front electric motor [kW]	-
Maximum torque of front electric motor [Nm.]	-
Maximum power of rear electric motor [kW]	230
Maximum torque of rear electric motor [Nm.]	360

Battery/recharge	
Battery Type	Lithium iron phosphate battery
Battery brand	Ferdi
Battery temperature management	● Low temperature heating ● Liquid cooling
CLTC pure electric range [km]	662
Battery power [kWh]	87.04
vehicle charging port	● Slow charging port ● Quick charging port
Slow charging port location	● Right rear side of car
Fast charging port location	● Right rear side of car
Fast charging power [kW]	140
Fast charging time[min]	25
Fast charging time[h]	0.42
Fast charging capacity [%]	30-80
Slow charging power [kW]	7
Vehicle battery swap	-
Home charging pile	-
Car charging gun	-
External discharge function	●
External discharge power	● 6kW

Gearbox	
Gearbox description	Electric vehicle single speed gearbox
Gearbox type	Fixed gear ratio
Number of gears	1

chassis steering	
Drive form	rear wheel drive
four-wheel drive	-
Center differential structure	-
Front suspension type	Double wishbone independent suspension
rear suspension type	Five-link independent suspension
Assist type	electric assist
Adjustable suspension features	<ul style="list-style-type: none"> <li>• Soft and hard adjustment</li> </ul>
Adjustable suspension types	-
Body structure	Load-bearing
limited slip differential	-
differential lock	-

wheel brake	
Front brake type	<ul style="list-style-type: none"> <li>• Ventilated disc type</li> </ul>
rear brake type	<ul style="list-style-type: none"> <li>• Ventilated disc type</li> </ul>
Parking brake type	Electronic parking
Front tire specifications	<ul style="list-style-type: none"> <li>• 245/45R20</li> </ul>
Rear tire specifications	<ul style="list-style-type: none"> <li>• 265/45 R20</li> </ul>
Spare tire	<ul style="list-style-type: none"> <li>• No spare tire</li> </ul>
Spare tire placement	-

active safety	
ABS anti-lock	●
Braking force distribution (EBD/CBC, etc.)	●
Brake assist (BA/EBA/BAS, etc.)	●
Traction control (ASR/TCS/TRC, etc.)	●
Body stability control (ESP/DSC/VSC, etc.)	●
Seat belt not fastened reminder	● The whole car
Tire pressure monitoring	● Tire pressure display

passive safety	
Main driver airbag	●
Passenger airbag	●
First row side airbag	●
Second row side airbags	●
side curtain airbags	●
knee air bag	● Main driver
Passenger seat cushion airbag	-
Rear seat belt airbag	-
Rear seat anti-skid airbags	-
center airbag	-
Second row forward airbags	-
child seat interface	●
passive pedestrian protection	-
Run-flat tires	-

Auxiliary/control configuration	
front parking radar	●
Rear parking radar	●
Reverse side warning system	●
Door opening collision warning	●
Driving assistance images	● 360-degree panoramic image
Chassis perspective	●
cruise system	● Full-speed adaptive cruise
Driving mode selection	● Sports ● Economy ● Standard/Comfortable ● Snow
Fatigue reminder	●
automatic parking	●
remote control parking	●
remote summoning	-
Engine start and stop	-
automatic parking	●
Hill assist	●
steep descent	-
night vision system	-
variable steering ratio	-
Integral active steering system	-
Wading sensing system	-
Anti-rollover system	●

Assisted driving functions	
Parallel assistance (BSM/BSD)	•
Lane Departure Warning (LDWS)	•
Lane Keeping (LKAS)	•
Lane centering	•
Road traffic sign recognition	•
forward collision warning	•
rear collision warning	•
Active braking	•
Automatic lane change assist	•
Reverse tracking	-
Assisted driving hardware	
Driving assistance level	• L2
Assisted driving system	• Di Pilot
millimeter wave radar	• 5
ultrasonic radar	• First 6/Last 6
Front sensing camera type	• monocular
Environment aware camera	• 1
surround camera	• 4
car camera	• 2

External configuration	
Skylight type	● The panoramic sunroof cannot be opened
Light-sensing awning	○ Optional 6,000 yuan
Sport appearance package	-
Electric spoiler	●
Rim material	● Aluminum alloy
Electric suction door	-
Automatic opening and closing of car doors	-
Frameless door	●
sliding door	-
roof rack	-
Key type	● Remote key
	● Bluetooth key
	● NFC/RFID key
	● UWB digital key
Keyless start	●
keyless entry	● First row
Hidden electric door handle	●
Active closing air intake grille	●
Electric tailgate	●
Tailgate position memory	●
Induction tailgate	●
Tailgate glass opens independently	-
car side pedals	-
Low speed driving warning sound	●
Sentinel (clairvoyance) mode	●



Internal configuration	
Steering wheel material	● Genuine leather
steering wheel adjustment	● Manual up and down + front and rear adjustment
Shift pattern	Electronic gear shift
Multifunction steering wheel	●
steering wheel gear shift	-
Steering wheel heating	●
Trip computer display	● Color
Full LCD instrument panel	●
Instrument screen size [inches]	● 10.25
HUD heads up display	●
Built-in driving recorder	●
Mobile phone wireless charging	● First row
Maximum wireless charging power of mobile phones [W]	● 50
ETC device	●
Active noise reduction	-
Electrically adjustable pedals	-

Seat configuration	
seat material	● Genuine leather
Sports style seats	-
Electric driver's seat adjustment	● Electric adjustment with memory
Passenger seat electric adjustment	● Electric adjustment
Driver's seat adjustment method	● Front and back adjustment ● Backrest adjustment ● Height adjustment (4-way) ● Waist adjustment (4-way) ● Leg rest adjustment
Passenger seat adjustment method	● Front and back adjustment ● Backrest adjustment ● Height adjustment (2-way) ● Waist adjustment (4-way) ● Leg rest adjustment
First row seat functions	● Heating ● Ventilation ● Massage
Boss button	●
Electrically adjustable second row seats	-
Second row seat adjustment method	● Backrest adjustment
Second row seat functions	● Heating
center armrest	● First row ● Second row
Seat layout	● 2+3
Rear seat folding method	● Inverted proportions
Electrically reclining rear seats	-
Rear cup holder	● Second row
Heated/cooled cup holder	-
Rear folding table	-

Car/Internet	
Central control color screen	● Touch LCD screen
Central control screen size [inch]	● 15.6
Central control screen material	● LCD
Passenger screen	-
Vehicle system	Di-Link
Vehicle system memory [GB]	● 8
Vehicle system storage [GB]	● 128
Vehicle-to-machine network	● 5G
OTA upgrade	● Vehicle OTA
Car Wi-Fi function	● WIFI connection ● Wi-Fi hotspot
Car navigation map	● Gaode
V2X communication	-
roadside assistance call	●
Bluetooth/car phone	●
Mobile phone interconnection/mapping	-
Voice assistant wake word	● Hello, Xiaodi
Voice zone wake-up	● First row ● Second row
Voice wake-up-free	●
Speech continuous recognition	●
Voice recognition control function	● Multimedia system ● Navigation ● Telephone ● Air conditioning ● Car windows
gesture control	●
face recognition	●
Remote control function	● Door control ● Window control ● Vehicle starts ● Air conditioning control ● Charging management ● Vehicle condition inquiry/diagnosis ● Vehicle positioning/car search ● Maintenance/repair appointment

Media entertainment	
Split screen function	●
Car APP application market	●
Car CD/DVD	-
Multimedia/charging interface	● USB ● Type-C ● SD
Number of USB/Type-C interfaces	● 2 in the front row/2 in the back row
In-car entertainment functions	● Karaoke
simulated sound	●
Rear seat control multimedia	-
Cockpit 220V/230V power supply	-
Luggage compartment power interface	● 220V
audio brand	● Dyna Audio
Number of speakers	● 12

Light function	
low beam light source	● LED
high beam light source	● LED
Lighting features	-
LED daytime running lights	●
Headlight function	● Height adjustment ● Automatic opening and closing ● Adaptive high and low beam ● Delayed shutdown
Turn assist light	●
Front fog lights	-
Headlight cleaning device	-
Car interior ambient light	● Multicolor

glass/rear view mirror	
First row electric windows	●
Second row electric windows	●
One-click lifting and lowering of windows	● The whole car
Window anti-pinch function	● The whole car
Multilayer soundproof glass	● First row
Exterior rearview mirror function	● Electric adjustment ● Heated rearview mirrors ● Electric folding ● Rearview mirror memory ● Automatically roll down when reversing ● Automatic folding when locking the car
Interior rearview mirror function	● Automatic ant-dazzle
Rear side privacy glass	●
Rear side sunshades	-
Rear windshield sunshade	-
Car vanity mirror	● Main driving + lighting ● Co-pilot + lighting
Sensing wiper function	● Rain sensor type
rear wiper	-
Heated water nozzle	-

Air conditioning/refrigeration	
First row air conditioner	● Dual temperature zone automatic air conditioning
Second row air conditioner	● Air outlet
Third row air conditioner	-
heat pump air conditioner	●
air quality monitoring	●
In-car PM2.5 filter device	●
Car air purifier	●
negative ion generator	●
Fragrance system	●
car refrigerator	-